

XP-002333287

(D6)

(C) WPI / DERWENT

AN - 1995-070809 [10]

AP - JP19930159965 19930607

CPY - DAIW

DC - A60 A87 C03 D22 F06

DR - 2035-U

FS - CPI

IC - A01N25/34 ; D06M13/00 ; D06M15/507 ; D06M15/55 ; D06M15/564 ;
D06M23/10 ; D06M23/12 ; D06M101/30

MC - A08-M02 A12-C03 A12-S05A A12-S05R C04-C03 C10-D03 C12-M11E C14-B05
D09-C04D F03-C02B F04-C

M1 - [01] H1 H100 H181 J0 J014 J1 J171 J3 J373 M280 M314 M315 M316 M323
M332 M342 M381 M382 M383 M393 M423 M424 M431 M510 M520 M530 M540 M620
M740 M782 M903 M904 M910 P361 Q120 Q261 Q322 Q323 V0 V743; R02035-M;
2035-U

- [02] G013 G019 H4 H401 H481 H8 J0 J014 J1 J131 J171 J2 J232 J273 M280
M312 M313 M314 M315 M316 M323 M331 M332 M333 M342 M381 M382 M383 M393
M423 M424 M431 M510 M520 M530 M533 M540 M740 M782 M903 P361 Q120 Q261
Q322 Q323 V743

PA - (DAIW) DAIWA KAGAKU KOGYO KK

PN - JP6346373 A 19941220 DW199510 D06M15/507 009pp

PR - JP19930159965 19930607

XA - C1995-031941

XIC - A01N-025/34 ; D06M-013/00 ; D06M-015/507 ; D06M-015/55 ; D06M-015/564 ;
D06M-023/10 ; D06M-023/12 ; D06M-101/30

AB - J06346373 Processing a synthesised fibre with a blood sucking insect
repellant is by treating the hollow fibre with the repellant (pref.
emulsion or microcapsulated agent) to produce a fibre prod., treating
a fibre prod. made of a hollow fibre with the repellant. The repellant
is used together with one of polyester resin, epoxy resin, alkylene
resin, guanamine resin, polyurethane resin and a urea resin and with a
crosslinking agent.

- Pref. the hollow fibre is polyester and nylon with percentage of fibre
hollowness of 10-50%.

- USE/ADVANTAGE - Useful for producing blood-sucking insect repelling
clothes. By processing the hollow fibre with microcapsulated blood
sucking insect repellant, the insect repelling effect and washing
resistance of the cloth are drastically improved.

- In an example, a processing soln. (contg. 10% of Deet microcapsule,
8.0% of acrylic resin dispersion (resin content of 45%), 5% of octyl
phenol E.O. 10 mol adduct, 10% of ethyl glycol and 67.0% of water) was
used for treating polyester hollow fibre (Airlfo (RTM) having
percentage of fibre hollowness of 40%) by immersing polyester hollow
fibre cloth in soln. contg. 35% of the processing soln. for 2 minutes
and the cloth was squeezed to the ratio of 70%). This step was
repeated twice. Then cloth was dried at 80 deg.C for 5 minutes and
heat-treated at 120 deg.C for 2 minutes.(Dwg.0/0)

CN - R02035-M

DRL - 2035-U

IW - PROCESS SYNTHESIS FIBRE BLOOD SUCK INSECT REPEL INSECT REPEL CLOTHING
WASHING RESISTANCE COMPRISE TREAT HOLLOW FIBRE REPEL EMULSION FORM
OPTION POLYEPOXIDE RESIN

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OPTION POLYEPOXIDE RESIN

NC - 001

OPD - 1993-06-07

ORD - 1994-12-20

TI - Processing synthesised fibre with blood-sucking insect repellent,
 providing insect repelling clothing with good wash resistance -
 comprises treating hollow fibre with repellent e.g. in emulsion form
 and opt. with e.g. epoxy] resin
 A01 - [001] 017 ; P0635-R F70 D01 ; S9999 S1070-R ; S9999 S1207 S1070 ;
 S9999 S1161-R S1070 ;
 - [002] 017 ; P0839-R F41 D01 D63 ; S9999 S1070-R ; S9999 S1207 S1070
 ; S9999 S1161-R S1070 ;
 - [003] 017 ; ND07 ; N9999 N7090 N7034 N7023 ; N9999 N7147 N7034
 N7023 ; K9574 K9483 ; K9676-R ; Q9999 Q7056-R ; B9999 B4706-R
 B4568 ; N9999 N7045 N7034 N7023 ; K9723 ; B9999 B5447 B5414 B5403
 B5276 ; N9999 N6177-R ;
 A02 - [001] 017 ; P0839-R F41 D01 D63 ; P0464-R D01 D22 D42 F47 ; P1592-R
 F77 D01 ;
 - [002] 017 ; G1672-R G1649 D01 F09 F07 D23 D22 D45 F19 ; H0011-R ;
 P0259-R P0226 D01 ;
 - [003] 017 ; R00123 G1821 D01 D50 D81 F78 ; H0011-R ; P0259-R P0226
 D01 ;
 - [004] 017 ; P0088-R ; S9999 S1025 S1014 ;
 - [005] 017 ; ND01 ; K9518 K9483 ; K9574 K9483 ; K9712 K9676 ;
 N9999 N7147 N7034 N7023 ; Q9999 Q7114-R ; Q9999 Q7056-R ; B9999
 B4706-R B4568 ; N9999 N7045 N7034 N7023 ; K9723 ; N9999 N6780-R
 N6655 ; N9999 N6177-R ;
 - [006] 017 ; A999 A044-R ; S9999 S1025 S1014 ; S9999 S1412 S1401 ;
 - [007] 017 ; A999 A157-R ;
 - [008] 017 ; R24063 G2835 D01 D11 D10 D19 D18 D31 D50 F27 F26 F34 ;
 A999 A635 A624 A566 ;
 A03 - [001] 017 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D82 F47 ; H0000 ;
 P0055 ; P0975 P0964 F34 D01 D10 ; M9999 M2153-R ; M9999 M2200 ;
 A999 A635 A624 A566 ; A999 A782 ;
 - [002] 017 ; B9999 B5094 B4977 B4740 ;

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S9999 S1161-R S1070 ;

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; S9999 S1161-R S1070 ;

- [003] 017 ; ND07 ; N9999 N7090 N7034 N7023 ; N9999 N7147 N7034
N7023 ; K9574 K9483 ; K9576-R ; Q9999 Q7056-R ; B9999 B4706-R
B4568 ; N9999 N7045 N7034 N7023 ; K9723 ; B9999 B5447 B5414 B5403
B5276 ; N9999 N6177-R ;

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F77 D01 ;

- [002] 017 ; G1672-R G1649 D01 F09 F07 D23 D22 D45 F19 ; H0011-R ;
P0259-R P0226 D01 ;

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D01 ;

- [004] 017 ; P0088-R ; S9999 S1025 S1014 ;

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N9999 N7147 N7034 N7023 ; Q9999 Q7114-R ; Q9999 Q7056-R ; B9999
B4706-R B4568 ; N9999 N7045 N7034 N7023 ; K9723 ; N9999 N6780-R
N6655 ; N9999 N6177-R ;

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- [007] 017 ; A999 A157-R ;

- [008] 017 ; R24063 G2835 D01 D11 D10 D19 D18 D31 D50 F27 F26 F34 ;
A999 A635 A624 A566 ;

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A999 A635 A624 A566 ; A999 A782 ;

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